Distributed Systems

COMP90015 2019 Semester 1
Tutorial 10

Questions for today

- What is a domain transition and how many domain transitions are required for an RPC/RMI call from one process to another on the same host?
- What is process migration and explain two circumstances that can prohibit or make it difficult for process migration to take place?
- Why is shared memory faster than message passing when communicating between processes on the same host? State a reason why shared memory is not preferable when communicating between processes on the same host.
- Give two reasons why a monolithic kernel is sometimes more efficient than a micro kernel. Give three reasons why a micro kernel is preferable to a monolithic kernel.
- What are some key design issues for distributed file systems?